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DATE	REMARKS AND REFERENCES	COLLEGATIONS THE JURRED	COLTCATICUS LEQUIDATED	Uniciquedated Ealance
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AMOUNT RECEIVED FOR GRANT

\$2,750.00

EXPERSES

	С С		
÷	Salary - Dr.	1,200,00	
	Consultation - Dr.	100.00	
	Telephone and Secretarial Service	41.33	
	Travel-Dr. Dr. Dr.	118.30	
	Constaint Temperature Water Bath	232.50	
	Chemicals	143.46	
	Anderson Glass Capsule Manometer	65.50	
	Magnetic Stirring Apparatus	37.50	
	Kodak Timer, Hot Flate	29.50	
	Screw Stand	97.72	
	Respiration Pump	267.11	
	Thermometer & Time Marker triple	102.47	
	Animals and Supplies	306.16	
		•	

Unexpended Balance in Fund

\$ 8,45

2,741,55





RECEIPT

I hereby acknowledge receipt of the following check:

Treasurer's Check No. 1/2433, dated Avril 4, 1956, in Ethe amount of \$103,00, drawn on the payable to the B



55-4

RECEIPT

I hereby acknowledge receipt of the following check:

Treasurer's Check No., 202953, dated April 4, 1956, in the amount of 32,700,00, drawn on the payable to the

Date 10 apr sb

J

21 Barch 1996

FOMERANDEN FOR: CHIEF, PREAMER DIVISION

ZIA:

TCS/Dudget Cfrient

eggjact:

19701.734 Cubreofest 55, Itavico 1 Allowest 6-1932-10-631

1. Invoice I for the above camproject is attached. Payment should be made as follows:

Coolder's check in the about of \$2700,00 dram on an bank.

oneck in the carmt of \$103.00 drawn on a t bank.

Both cheeks should be made payable to the

2. The above checks should be forwarded to Chief, TES/Chemical Division, through 753/Dudget Officer, no later than 3 April 1956.

3. This is a final invoice. A total of (2803.00 was obligated under this subproject during FY 56. however, since it is anticipated that eddistanal funds will be obligated for this project, the files should not be closed.

SIDNEY COTTLES

CHECK PORTERIN THE AMOUNT OF SAMEO Attachments: RECEIVE 3 認

Orig & 2 - Addresses I Compay I am groups with a reason I - Comparpoller.

15 18

eld appartment in 1570 C. del 10 Mar and Mr 6 - 3502 - 10 . 001

AUDITORITATIS CLINCER

CHECK 1/2 RECEIVED 5 W



INVOICE

Por Services

\$2803.00



CHATIFICATIONS

(1) It is hereby certified that this is Invoice I applying to ESSERM Subproject 55, that performence is catterlatory, that the regulars are being accomplished in accordance with natural agreements, that a detailed agreed of the payments and receipts in on Ille in ESS/OD, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TCS/Chemical Division

Date

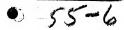
(2) It is hereby certified that this invoice applies to MEMINA Submodes 59, which was only approved, and that the project is being courted out in eccordance with the removantum dated 13 April 1953, from the BOI to the ED/A, and the extension of this authority in subsequent renormals.

Research Director

Dates







21 Pahruary 1956

REPRESENTATION OF THE WALLE

EFFICIAL : Places abstrice

SCHARGE : HEMAKA, Cabproject 55

Under the authority groups in the Percetakan dated 13 April 1953 from the Bull to the Payle, and the extremion of this authority, in subsequent memorands, Subpropert 55 has been exproved, and (2153,00 of the over-all Propert Lauthi found has been obligated to cover the subgroupst's expenses and should be charged to Allotment 4-2502-19-501.

HENRY COTTLIES -Cain's TES/Checkeal Division

APPROVED FOR COLICAPION

CONTROL TRACE COMES AND STREET OF COMES CONTROL OF CONT

Logerren Director

Distribution: telg o 2 ddirester

1 TSS/OC /-1 TSS/TASD 1 TSS/SEB

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ISS/CD (21 February 1956)'

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Dawngraded to: by authority of: 187475 Cater June 1977



DRAFT/

ER IMPORT; CL BY 187475

21 February 1956

MEMOPANDUM FOR: THE RECORD

SUBJECT

: Project MWLTRA, Subproject 55

1. Subproject 55 is being initiated to enable Dr.

to undertake pharacological studies of interest to ISS/CO.

Dr.

is located at

page 150 page 1

- 2. The scope of the project will embrace the relationship between chemical structure and biological activity of various isoquinoline derivatives and heterocyclic compounds containing two or more ring systems.
- 3. The School and Dr. are completely unwitting of Agency Interest in this proposel program. Therefore, in order to maintain cover,
 - (a) the requirement for a Memorandum of Agreement with the principle investigator will be waived,
 - (b) the to obtain on accounting from the University upon completion of the program year.
- 4. The cost of this program for a period of one year is estimated to be \$2,700.00. To this sum must be added \$103.00 representing a four percent service charge by the total cost will not exceed \$280.00. Charges should be made against Allotment 6-2502-10-001.
- Title to any permanent equipment purchased by funds granted the University shall be rethined by the University in lieu of higher overhead rates.

Summoded to: 187475

William Stranger and Automotive and

Possagreded to: by authority of: 187475 date: June 1977



E: INPUET; CL BY 187475

6. Documentation and accounting for traval expenses which are reimbursable by the University shall conform with the accepted practices of that institution.



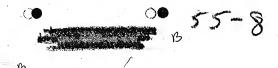
APPROVED:



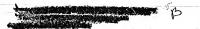
Downgraded to: by authority of: 197475 date: June 1977

EC 14PDET; CL BY 187475





January 26, 1956



Gentlemen:

The undersigned would like to apply for a yearly grant beginning February 1, 1956, for \$2,750,00 for a research project to be carried out in the Bepartment of

The purpose of the study is to discover the observacion effects of certain groups of corpounds prepared by Dr. and associates of the Department of the Department of the Department of the Parameter of the Department of the Parameter of the Param

- a. Various synthetic isoquinoline derivatives.
- b. Heterocyclic compounds containing two or more ring systems.

It is highly desirable to accumulate pertinent data on all these types of new compounds for the treatment of disease as well as for the advancement of science itself.

These compounds will be tested on the:

- a. Central nervous system.
- b. Autonomic nervous system.
- c. Sensory nerves.
- d. Sensory nerve ends.
- e. Somatic motor neurones.

This classification, of course, includes drugs such as those producing hallucinations, tranquilization, sedation, anesthesia, adrenergic and cholinergic effects, and general and local analyssia. In addition, the compounds will be tested as to their effect on the smooth muscle itself and on possible antagonism to histantine.

I propose that the following budget be provided for the project:

3 275 - Overhead for the University

1,700 - Salaries

250 - Travel and administration

525 - Animals, chemicals, and miscellaneous equipment

7500 - TOTAL

May I add that this grout will be a further step in the cooperation between the Departments of and and at the

Doctors and and will be periodically informed as to the results.







DESIGNA Bulturoleer 55

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